



IFW

Docket No.: 71030-025

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
WITTEN, ALAN J.	:	Confirmation Number: Not yet assigned
	:	
Serial No.: 10/769,965	:	Group Art Unit: Not yet assigned
	:	
Filed: February 02, 2004	:	Examiner: Not yet assigned
	:	
For: METHOD AND APPARATUS FOR IDENTIFYING BURIED OBJECTS USING GROUND PENETRATING RADAR	:	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

U.S. Patent 6,700,526 and Published Application 2003/0043067 arose from earlier cases from which this application claims priority. Copies of those two patent publications are enclosed. The other documents were cited by or submitted to the U.S. Patent and Trademark

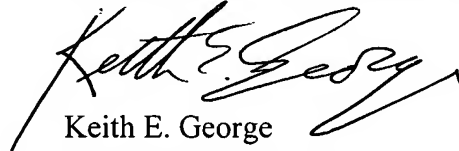
10/769,965

Office in parent application Serial No. 10/118,991, filed April 10, 2002, now U.S. Patent No. 6,700,526 issued March 2, 2004, which is relied upon for an earlier filing date under 35 USC 120. Thus, copies of those additional documents are not attached. 37 CFR 1.98(d).

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.


Respectfully submitted,

MCDERMOTT WILL & EMERY LLP



Keith E. George  
Registration No. 34,111

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 KEG:apr  
Facsimile: (202) 756-8087  
**Date: June 17, 2004**

<b>INFORMATION DISCLOSURE</b> <b>SITUATION IN AN APPLICATION</b>				<b>ATTY. DOCKET NO.</b> <b>71030-025</b>	<b>SERIAL NO.</b> <b>10769,965</b>		
 (PTO-1449)				<b>APPLICANT</b> <b>WITTEN, ALAN J.</b>			
				<b>FILING DATE</b> <b>February 02, 2004</b>	<b>GROUP</b> <b>Unknown</b>		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US 3,665,466	May 23, 1972	Hibbard			
		US 4,072,942	Feb. 1978	Alongi			
		US 4,698,634	Oct. 6, 1987	Alongi et al.			
		US 4,706,031	Nov. 1987	Michiguchi et al.			
		US 4,835,474	May 30, 1989	Parra et al.			
		US 4,905,008	Feb. 27, 1990	Kawano et al.			
		US 5,130,711	Jul. 1992	Kimura et al.			
		US 5,248,975	Sep. 28, 1993	Schutz			
		US 5,339,080	Aug. 16, 1994	Steinway et al.			
		US 5,384,715	Jun. 24, 1995	Lytton			
		US 5,499,029	Mar. 12, 1996	Bashforth et al.			
		US 5,592,170	Jan. 1997	Price et al.			
		US 5,579,430	Nov. 26, 1996	Grill et al.			
		US 5,614,909	Mar. 1997	Komatsu et al.			
		US 5,644,314	Jul. 1997	Ahmad et al.			
		US 5,704,142	Jan. 6, 1998	Stump			
		US 5,742,735	Apr. 21, 1998	Eberlein			
		US 5,835,053	Nov. 10, 1998	Davis			
		US 5,835,054	Nov. 10, 1998	Warhus et al.			
		US 5,900,833	May 4, 1999	Sunlin et al.			
		US 5,912,639	Jun. 15, 1999	Beckner			
		US 5,920,285	Jul. 6, 1999	Benjamin			
		US 6,002,357	Dec. 14, 1999	Redfern et al.			
		US 6,100,839	Aug. 8, 2000	Heger et al.			
		US 6,130,641	Oct. 10, 2000	Kraeutner et al.			
		US 6,252,538	Jun. 2001	Chignell			
		US 6,377,201	Apr. 2002	Chu			
		US 6,496,137	Dec. 17, 2002	Johansson			
		US 6,700,526	Mar. 2, 2004	Witten			
		US 2003/0043067	Mar. 6, 2003	Johansson et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		WO88/04063	Jun. 2, 1988	WIPO			
		EP0812005A2	Dec. 10, 1997	EPO			
		JP1-274092	Nov. 1, 1989	Japan			
		JP60-235080	Nov. 21, 1985	Japan			
		JP59-231466	Dec. 26, 1984	Japan			
		JP59-37474	Feb. 29, 1984	Japan			
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		J. K. van Deen and J. W. de Feijter, "Three-Dimensional Ground Probing Radar", Geological Survey of Finland, Special Paper 16, pp. 35-40, June 1992.					
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.